

Purchase Order Receipt Listing

Tuesday, July 21, 2015 10:12:26 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO29149 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date	Recev Date/ Emp	Recev Qty (PO U/M)	Cost Per Unit/ Recev Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
VC-COP001 Thyssenkrupp Materials CA Ltd											
Vendor ID/Vendor Name PO29149 USD	1 No		M304S16GA 304/316 Sheet .063 m132797	SF	7/20/2015	7/21/2015 DCUSER	64.0000	\$5.00 \$320.00	0.0000 0.0000	0 0	\$320.00
	2 No		M304S24GA 304/316 .025 Sheet m132797	SF	7/20/2015	7/21/2015 DCUSER	32.0000	\$2.84 \$90.75	0.0000 0.0000	0 0	\$90.75
	3 No		M304S18GA 304/316 .050 Sheet m132797	SF	7/20/2015	7/21/2015 DCUSER	64.0000	\$4.00 \$256.00	0.0000 0.0000	0 0	\$256.00
	4 No		M6061T6B1.500X04. f 000 6061T6 Bar 1.500 x 4.00 m132797	f	7/20/2015	7/21/2015 DCUSER	12.0000	\$17.50 \$210.00	0.0000 0.0000	0 0	\$210.00
	5 No		M6061T6B2.000X01. f 250 6061-T6 Bar 2.00 x 1.25 m132797	f	7/20/2015	7/21/2015 DCUSER	12.0000	\$7.50 \$90.00	0.0000 0.0000	0 0	\$90.00

Total Received Quantity: 184.0000
Total Qty to Inspect (PO U/M): 0.0000
Total Reject Quantity: 0.0000
Total Receipt Value: \$966.75
Total Balance Due Quantity: 0.0000

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

Page: 1 ... Continued

Heat Number 103621 2 1-A-1	Tag No 434873	Quantity 12 FT	PCS 1	WT LBS 36
ALUMINUM FLAT BAR 6061-T6511 1.250" X 2.00" X 144.0000"	Our order PEC-825763-5 Your PO # 29149			
Heat Number 104212-2-1-A-1	Tag No 434872	Quantity 12 FT	PCS 1	WT LBS 86
ALUMINUM FLAT BAR 6061-T6511 1.50" X 4.00" X 144.0000"	Our order PEC-825763-4 Your PO # 29149			
Heat Number DNJ007-AAC	Tag No 435008	Quantity 64.00 SFT	PCS 2	WT LBS 121
STAINLESS STEEL SHEET 304-2B .0480 Nom X 48.0000" X 96.0000"	Our order PEC-825763-3 Your PO # 29149			
Heat Number A1303883	Tag No 435007	Quantity 32.00 SFT	PCS 1	WT LBS 31
STAINLESS STEEL SHEET 304-2B .0250 Nom X 48.0000" X 96.0000"	Our order PEC-825763-2 Your PO # 29149			
Heat Number BOA005-AFD	Tag No 435089	Quantity 64.00 SFT	PCS 2	WT LBS 154
STAINLESS STEEL SHEET 304-2B .0600 Nom X 48.0000" X 96.0000"	Our order PEC-825763-1 Your PO # 29149			

B I L L O F L A D I N G

No: PEC 944947
Ship Date 17 Jul 15 at 16:35 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0-0 Manifest
Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033
Ship To:
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

Page: 2 Last

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT. * ** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

TOTAL 1 BDL, 2 SKIDS GW. 570 LBS

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

Heat Number
103621 2 1-A-1
104212-2-1-A-1
A1303883
BOA005-AFD
DNJ007-AAC

*** Chemical Analysis ***

TOTAL:

Tags 5
PCS 7
LBS 428

B I L L O F L A D I N G

Ship Date 17Jul15 at 16:35 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033
Ship To: (1)
DART AEROSPACE

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
0600 Nom X 48.0000" X 96.0000"
PART NO.

PO/Ref 29149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-944947-001

17Jul15

Pg 1/1

Signed by:



遠錫鋼鐵股份有限公司

YUEN CHANG STAINLESS STEEL CO., LTD.

檢驗證明書

MILL TEST CERTIFICATE(S)

列印日期 ISSUE DATE: 2015/03/24

DAS
1A
9-89

高雄市中區中正路235號13F
13F, No. 235 Jungfeng 4th Road, Chianjin
Chiou, Kaohsiung, Taiwan
TEL: 886-7-965858 FAX: 886-7-9685788
http://www.yuenchang.com.tw

客戶名稱 Customer		Thyssenkrupp Steel Services A Division Of Thyssenkrupp Materials Na Inc 22355 West Eleven Mile Road Southfield MI 48033 USA															
商品描述 Desc. Of Goods		Description Of Goods And/Or Services: Prime, Cold Rolled Stainless Steel Sheets, Slitted Edge, As Per ASTM A240/A480.															
項目 Item	鋼捲編號 Coil No.	爐號 Heat Number(S)	鋼種 Steel Grade	表面 Finish	厚度尺寸 Thickness x Width x Length	淨重 Net Weight (KGS)											
AF009	CAAL0268-14	DNF010-ADG	304	2B	26GA x 48 x 96	1,727											
AF010	CCWR0003-18	AOA004-AAB	304	2B	20GA x 48 x 96	1,102											
AF011	CCWR0003-19	AOA004-AAB	304	2B	20GA x 48 x 96	1,104											
AF003	CATF0015-20	BOA005-AFD	304	2B	16GA x 48 x 96	1,736											
AF001	CATF0015-18	BOA005-AFD	304	2B	16GA x 48 x 120	1,086											
AF002	CATF0016-19	BOA005-AFD	304	2B	16GA x 48 x 120	1,087											
AF008	CCYL0003-54	AOA002-AAD	304	2B	14GA x 48 x 144	901											
AF006	CARS0019-13	BOB006-ABD	304	2B	12GA x 48 x 96	1,073											
化學成分 Chemical Analysis (%)							機械性質 Mechanical Properties										
Item	C	Si	Mn	P	S	Cr	Ni	N	Cu	Mo	Others	T.S N/MM2	Y.S(0.2%) N/MM2	Elong (%)	HB	HR8	HV
AF009	0.045	0.480	1.158	0.037	0.0022	18.055	8.010	0.042	0.043			765	300	58.0		83.5	
AF010	0.023	0.300	1.380	0.029	0.0112	18.250	8.040	0.071	0.310	0.110		651	294	57.0			160.0
AF011	0.023	0.300	1.380	0.029	0.0112	18.250	8.040	0.071	0.310	0.110		651	294	57.0			160.0
AF003	0.050	0.430	1.110	0.039	0.0010	18.300	8.100	0.040	0.056	0.098		686	281	56.0		83.0	
AF001	0.050	0.430	1.110	0.039	0.0010	18.300	8.100	0.040	0.056	0.098		686	281	56.0		83.0	
AF002	0.050	0.430	1.110	0.039	0.0010	18.300	8.100	0.040	0.056	0.098		686	281	56.0		83.0	
AF008	0.042	0.510	0.980	0.033	0.0020	18.150	8.040	0.058				644	280	54.9		83.5	
AF006	0.040	0.440	1.070	0.030	0.0020	18.200	8.000	0.040	0.188	0.040		650	272	56.0		83.5	
<p>茲證明本廠所製產品，均依材料規格製造及試驗，並符合規格之要求。 We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.</p> <p>本產品無輻射污染，並且不含汞。The material described above is free from radiation contamination and mercury. 本證明書符合EN10204/Type 3.1認證。Inspection certificate in accordance with EN10204/Type 3.1.</p> <p>本廠所製產品均符合ASTM A240規格要求。All the above products conform to the requirements specified in ASTM A240.</p> <p>We Hereby Certifying The Material To ASTM A240/ A480 As Per EN 10204/ 3.1</p>																	
												QC Manager					
												ISO 9001					
												David Wang					

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
0.0480 Nom X 48.0000" X 96.0000"
PART NO.

PO/Ref 29149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-94947-003

17Jul15
Pg 1/1

Signed by: 



通鋼鋼鐵股份有限公司

YUEN CHANG STAINLESS STEEL CO., LTD.

檢驗證明書

MILL TEST CERTIFICATE(S)

列印日期 ISSUE DATE: 2014/12/24

DAS
14
9-89

高雄市中區中正路235號13F
13F, No. 235 Jungfeng 4th Road, Chienjin
Chi, Kaohsiung, Taiwan
TEL : 886-7-9695858 FAX : 886-7-9685768
http://www.yuenchang.com.tw

客戶名稱 Customer	Thysenkrupp Steel Services A Division of Thyssenkrupp Materials NA Inc 22355 West Eleven Mile Road Southfield, MI 48033 USA																
商品描述 Desc. Of Goods	Description of Goods and/or Services: Prime, Cold Rolled Stainless Steel Sheets, Slitted Edge, As Per ASTM A240/A480 In Grade 304, No.4 Finish Prime, Cold Rolled Stainless Steel Sheets, Slitted Edge, As Per ASTM A240/A480 In Grade 304, 2B Finish																
項目 Item	鋼捲編號 Coil No.	爐號 Heat Number(s)	鋼種 Steel Grade	表面 Finish	產品尺寸 Thickness x Width x Length			淨重 Net Weight (KGS)									
AB009	CCBA0302-11	DNJ007-AAC	304	2B	0.047" x 48" x 96"			1,446									
AB005	CCBC0728-19	ANJ015-AB8	304	2B	0.059" x 48" x 96"			1,485									
AB019	CCBC0728-32	ANJ015-AB8	304	2B	0.059" x 48" x 96"			1,485									
AB002	CCBC0728-14	ANJ015-AB8	304	2B	0.059" x 48" x 120"			991									
AB003	CCBC0728-15	ANJ015-AB8	304	2B	0.059" x 48" x 120"			992									
AB010	CARQ3668-27	BNE007-AB8	304	2B	0.059" x 50" x 120"			1,452									
AB012	CCYK0271-21	ANJ014-AAF	304	2B	0.106" x 48" x 120"			1,454									
AB006	CAWB0299-09	BNG001-AAF	304	2B	0.118" x 48" x 96"			972									
化學成分 Chemical Analysis (%)										機械性質 Mechanical Properties							
Item	C	Si	Mn	P	S	Cr	Ni	N	Cu	Mo	Others	T.S N/MM2	Y.S(0.2%) N/MM2	Elong (%)	HB	HRB	HV
AB009	0.020	0.300	1.360	0.029	0.0062	18.300	8.030	0.070	0.250	0.090		633	276	58.0			161.0
AB005	0.017	0.300	1.390	0.031	0.0055	18.280	8.010	0.074	0.260	0.100		611	277	56.0			169.0
AB019	0.017	0.300	1.390	0.031	0.0055	18.280	8.010	0.074	0.260	0.100		611	277	56.0			169.0
AB002	0.017	0.300	1.390	0.031	0.0055	18.280	8.010	0.074	0.260	0.100		611	277	56.0			169.0
AB003	0.017	0.300	1.390	0.031	0.0055	18.280	8.010	0.074	0.260	0.100		611	277	56.0			169.0
AB010	0.030	0.570	1.140	0.030	0.0010	18.200	8.000	0.050	0.024			666	267	50.0		85.5	
AB012	0.047	0.470	1.010	0.034	0.0040	18.180	8.120	0.059				632	281	54.1		84.6	
AB006	0.050	0.501	1.108	0.034	0.0035	18.190	8.050					658	243	61.0			167.0
茲證明本表所列產品，均係材料規格製造及試驗，並符合規格之要求。 We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.																	
QC Manager																	
ISO 9001																	
Jacky Chang																	

Jacky Chang

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" X 144.0000"

PART NO.

PO/Rel 29149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-944947-005

17Jul15

Pg 1/1

Nanshan America

Advanced Aluminum Technologies

3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360



CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

BILL TO 10038 - B01-ThyssenKrupp Materials NA, Toro	MANIFEST NUMBER 7261	DIE NUMBER 1426	DATE OF SHIPMENT 5/6/2015	OUR ORDER NUMBER 103621	ITEM 2
SHIP TO 10038 - B01-ThyssenKrupp Materials NA, Toro	CUSTOMER PO PEC-286429	ALLOY 6061	TEMPER T6511	Applicable Requirements ASTM B221-14 AMS-QQ-A-200/8 (2012-09) T6511 also conforms to T6 ASME SB221 - 1998 sect II	
CUSTOMER PART NUMBER 40-00717	CUSTOMER PART NUMBER 40-00717	DESCRIPTION Flat Bar 1.250" X 2.000", Stenciled		DAS 14 9-89	

Melted in USA
Manufactured in USA

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
103621 2 1-A-1	6061	15040727	04/29/15	51.1	46.4	19%		

Chemical Limits

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
6061	0.00	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.40	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15
Maximum																				

Density:

Electrical Conductivity:

Thermal Conductivity:

Alloy Constant:

Chemical Composition

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
1504136	6061	0.00	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.40	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15

Nanshan America hereby certifies that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material.

Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements)

Edward Vinarcik
Quality Manager

产品质量证明书 MATERIAL TEST CERTIFICATE

DAS 14 15107122

品名: STAINLESS STEEL SHEETS,
Commodity SLIT HDGE

单号码: EX1309301GS

Order No.

货方: GLOBAL STAINLESS STEEL INC.

Order

用厂家: GLOBAL STAINLESS STEEL INC.

ONSIGNEE

牌号: 304

Type

表面加工: 2B

Surface Finish

编号: EX1309301

Invoice No.

发行日期: 2013-10-26

Date

ONSIGNFEE																	Specification		
产品尺寸				数量		重量	拉伸试验			表面	炉批号	化学成分							
货物编号		Product Size		Length	Number	Weight	Tensile Test			Hardness	HEAT NO.	Chemical Composition (%)							
		厚度	宽度				屈服强度	抗拉强度	延伸率			C	Si	Mn	P	S	Ni	Cr	N
序号	No.	Thickness	Width	MM		Kg	0.2% YS	TS	EL	HRB									
12	13102612	0.6096	1219.2	2438.4	118	1612	250	690	57	83	A1303883	0.0400	0.390	1.1300	0.0350	0.0010	8.0200	18.120	0.0400
13	13102613	0.6096	1219.2	2438.4	118	1616	250	690	57	83	A1303883	0.0400	0.390	1.1300	0.0350	0.0010	8.0200	18.120	0.0400
14	13102614	0.7620	1219.2	2438.4	88	1644	271	665	58	89.5	A1303883	0.0400	0.390	1.1300	0.0350	0.0010	8.0200	18.120	0.0400
15	13102615	0.7620	1219.2	2438.4	87	1626	271	665	58	89.5	A1303883	0.0400	0.390	1.1300	0.0350	0.0010	8.0200	18.120	0.0400
16	13102616	1.2192	1219.2	2438.4	54	1494	267	695	55	87	A1303987	0.0400	0.550	1.1000	0.0330	0.0010	8.0200	18.160	0.0400
17	13102617	1.2192	1219.2	2438.4	50	1378	267	695	55	87	A1303987	0.0400	0.550	1.1000	0.0330	0.0010	8.0200	18.160	0.0400
18	13102618	1.2192	1219.2	3048	42	1460	267	695	55	87	A1303987	0.0400	0.550	1.1000	0.0330	0.0010	8.0200	18.160	0.0400
19	13102619	1.2192	1219.2	3048	45	1574	267	695	55	87	A1303988	0.0400	0.430	1.1000	0.0330	0.0010	8.0200	18.160	0.0400
20	13102620	1.5240	1219.2	2438.4	43	1485	271	680	52	87	A1303988	0.0400	0.430	1.1300	0.0380	0.0010	8.0300	18.230	0.0300
21	13102621	1.5240	1219.2	2438.4	43	1487	271	680	52	87	A1303988	0.0400	0.430	1.1300	0.0380	0.0010	8.0300	18.230	0.0300
22	13102622	1.9050	1219.2	2438.4	40	1725	268	650	55	84	A2304006	0.0300	0.440	1.1500	0.0380	0.0010	8.1000	18.250	0.0400
23	13102623	1.9050	1219.2	2438.4	41	1755	268	650	55	84	A2304006	0.0300	0.440	1.1500	0.0380	0.0010	8.1000	18.250	0.0400
24	13102624	3.0480	1219.2	3048	17	1482	280	675	54	84	A1303883	0.0400	0.390	1.1300	0.0350	0.0010	8.0200	18.120	0.0400
25	13102625	3.0480	1219.2	3048	19	1656	280	675	54	84	A1303883	0.0400	0.390	1.1300	0.0350	0.0010	8.0200	18.120	0.0400
																		技术本部	

备注 (Remarks):

1. 尺寸和表面: 合格
Size and Surface: Guaranteed

兹证明所列产品均符合订单和标准的制造要求

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN
HAS BEEN MADE IN ACCORDANCE WITH THE ORDER AND
SPECIFICATION
*此报告仅可完全复制
*The report can only be copied completely

技术本部

无锡宝昌金属制品有限公司
WUXI BAOCANG METAL PRODUCTS CO., LTD.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
1.50" X 4.00" X 144.0000"
PART NO.

PO/Rel 29149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-944947-004

17Jul15

Pg 1/1

Signed by:

Nanshan America
Advanced Aluminum Technologies

3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360



CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
104212	2

BILL TO	10038 - B01-ThyssenKrupp Materials NA, Toro	MANIFEST NUMBER	8430	DIE NUMBER	1414	DATE OF SHIPMENT	6/16/2015
SHIP TO	10038 - B01-ThyssenKrupp Materials NA, Toro	CUSTOMER PO	PEC-267444	ALLOY	6061	TEMPER	T6511
CUSTOMER PART NUMBER	40-00675	SALESMAN	Scott Rarick	DESCRIPTION	Flat Bar 1.500" X 4.000", Stenciled		

Applicable Requirements

ASTM B221-14 AMS-QQ-A-200/8 (2012-09)
T6511-also conforms to T6 ASME-SB221-1998 sect II

Melted in USA
Manufactured in USA

DAS
14
9-39

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
104212 2 1-A-1	6061	15060253	06/10/15	42.4	36.6	20%		

Chemical Limits

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Each	Total
ALLOY 6061																				
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15

Density:

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
1506015	0.69	0.24	0.30	0.10	0.89	0.10	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.62	0.00

Nanshan America hereby certifies that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All Material is ROHS Compliant. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material.

Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prod), and FAR TAA (FAR 52.225-5 Trade Agreements) Temper T6511 meets T6 Requirements

Edward Minarik
Quality Manager



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29149

Purchase Order Date 7/15/2015 2:40:24 PM
PO Print Date 7/15/2015

Page Number 1 of 3

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
Q/A VPK METAL
C/O T27540
PO BOX 4275 POSTAL A
TORONTO, ON M5W 5V8
CANADA
Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905-669-9444
Ship To Contact
Ship To Phone
Ship Via: Yours ppd
Ship Acct:

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB DDP - (Delivered Duty Paid)

Line	Reference	Description/	Reg Date/	CD	Reg Qty/	Unit of	Measure	PO Unit Price	Extended
Nbr	Vendor Part Number	Mfg ID	Taxable					Price	Price
Line Comments									
Delivery Comments									

1	M304S16GA	304/316 Sheet .063	7/20/2015	Yes	64.00	sf		\$5.00	\$320.00
---	-----------	--------------------	-----------	-----	-------	----	--	--------	----------

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTMA240
OR ASME SA240

2	M304S24GA	304/316 .025 Sheet	7/20/2015	Yes	32.00	sf		\$2.84	\$90.75
as above									
7/15/2015									

Line Total: \$90.75

Line Total: \$320.00

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29149

Purchase Order Date 7/15/2015 2:40:24 PM
PO Print Date 7/15/2015

Page Number 2 of 3

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
Q/A VPK METAL
C/O T27540
PO BOX 4275 POSTAL A
TORONTO, ON M5W 5V8
CANADA
Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905-669-9444
Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:
Yours pdd
FOB
Customer POID
Customer Tax #
Terms
Currency
USD
Net 30
DDP - (Delivered Duty Paid)

Linda Lacelle

3	M304S18GA	304/316 .050 Sheet	7/20/2015	Yes	64.00	sf	\$256.00
as above							

4	M6061T6B1.500X04.000	6061T6 Bar 1.500 x 4.00	7/20/2015	Yes	12.00	f	\$210.00
PURCHASE MATERIAL: 6061-T6/T6511/T6510/T62 ALUMINUM BAR SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221							

5	M6061T6B2.000X01.250	6061-T6 Bar 2.00 x 1.25	7/20/2015	Yes	12.00	f	\$90.00
as above							

Line Total: \$90.00

Line Total: \$210.00

Line Total: \$256.00

Note:

7/15/2015

8015-07-21



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER Purchase Order ID PO29149

Purchase Order Date 7/15/2015 2:40:24 PM
PO Print Date 7/15/2015

Page Number 3 of 3

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
Q/A VPK METAL
C/O T27540
PO BOX 4275 POSTAL A
TORONTO, ON M5W 5V8
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone

905-669-9444

Ship To Contact

Ship To Phone

Ship Via:

Yours ppp

Ship Acct:

6 M174B0.250X4.000

17-4 SS Bar .250 X 4.00

7/20/2015

Yes

7/20/2015

12.00

\$17.55

\$210.60

MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643
GRAIN MUST BE ALONG LENGTH OF BAR
MINIMUM YIELD TENSILE STRENGTH = 100KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

Line Total:

\$210.60

PO Total:

\$1,177.35

M

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2 Change Date: 7/15/2015

15JUL15 13:13 S A L E S A C K N O W L E D G M E N T No: PEC ST-825763

Sold By:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5G6
Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Term NET 30 DAYS/NET 30 JOURS
Prt PREPAID
Con 96294
Slp STAN IVERS (905-532-1350)
Ord 15JUL15 Due17JUL15
Via VIM DELIVERY
PO/Rel 29143
Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO NO PEC ST-825763
Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1	STAINLESS STEEL SHEET 304-2B	.0600 Nom X 48.0000" X 96.0000"	MATERIAL	2	PCS @	160.0000	EA	25.0000	LOT	320.00	160 LBS
ENERGY & CAP SURCHG											
2	STAINLESS STEEL SHEET 304-2B	.0250 Nom X 48.0000" X 96.0000"	MATERIAL	1	PCS @	90.7500	EA	90.75		33 LBS	
3	STAINLESS STEEL SHEET 304-2B	.0480 Nom X 48.0000" X 96.0000"	MATERIAL	2	PCS @	128.0000	EA	256.00		128 LBS	

4	ALUMINUM FLAT BAR 6061-T6511	1.50" X 4.00" X 144.0000"	MATERIAL	1	PCS	17.5000	FT	210.00		84 LBS	
5	ALUMINUM FLAT BAR 6061-T6511	1.250" X 2.00" X 144.0000"	MATERIAL	1	PCS	7.5000	FT	90.00		36 LBS	

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **
** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **

*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL!!!
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

15Jul15 13:13 Sold By: THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5G6
Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115)
DART AEROSPACE
Ship To: (1)
DART AEROSPACE

=====

S A L E S A C K N O W L E D G M E N T SO No PEC ST-825763

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

*VISIT OUR WEBSITE: www.copperandbrass.com

Order Totals: 5 Items 441 LBS

Material Processing Freight Other Taxes ORDER AMT

966.75 128.93 25.00 1,120.68

Taxes: ONHSTS 128.93

15JUL15 14:12 S A L E S A C K N O W L E D G M E N T No: PEC ST-825831

Sold By:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS
Prt PREPAID
Con 96294
Slp STAN IVERS (905-532-1350)
Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO NO PEC ST-825831
Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL FLAT BAR 17-4
.250 X 4.0 X 144.0000"
MATERIAL 12 FT @ 17.5500 FT 210.60
41 LBS 1 PCS

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **
** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **
*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL!!!
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE
*VISIT OUR WEBSITE: www.copperandbrass.com

Order Totals: 1 Items 41 LBS

Material Processing Freight Other Taxes ORDER AMT
210.60 27.38 237.98

Taxes: ONHSTS 27.38

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: H10676 DATE: 15/07/22

MATERIAL CERT REC'D: 400 QUANTITY RECEIVED: 1/2'

QUANTITY INSPECTED: 12' QUANTITY REJECTED: _____

THICKNESS ORDERED: 1.500X4.00 THICKNESS RECEIVED: 1.500X4.00

SHEET SIZE ORDERED: _____ SHEET SIZE RECEIVED: _____

PO / BATCH NO.: 2949/H132797

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	
CORROSION	<input checked="" type="checkbox"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	
CORRECT # ON THE MATERIAL	<input checked="" type="checkbox"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	SIZE OF TEST SAMPLE	HARDNESS / DUROMETER READING		
HRC	HRB	DUR A	DUR D	

Testers located in the Quality Office

QC 18 INSPECTION	INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-89</u>	DATE: <u>15/07/22</u>
ENGINEERING SIGNOFF (if required)	SIGNED OFF BY: _____	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60616 DATE: 15/07/22
 QUANTITY RECEIVED: 48 QUANTITY INSPECTED: 12 QUANTITY REJECTED: _____
 THICKNESS ORDERED: 2.00 X 1.25 THICKNESS RECEIVED: 2.00 X 1.25 SHEET SIZE ORDERED: _____ SHEET SIZE RECEIVED: _____
 PO / BATCH NO.: 29149/M132797

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION	INSPECTED BY: <u>14</u> <u>9-89</u>	DATE: <u>15/07/22</u>
ENGINEERING SIGNOFF (if required)	SIGNED OFF BY: _____	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S24GA DATE: 15/07/22

MATERIAL CERT REC'D: 401
 QUANTITY RECEIVED: 32.5t
 QUANTITY INSPECTED: 32.5t
 QUANTITY REJECTED: _____

THICKNESS ORDERED: _____
 THICKNESS RECEIVED: _____
 SHEET SIZE ORDERED: 0.025" X 4' X 8'
 SHEET SIZE RECEIVED: 0.022" X 4' X 8'

PO / BATCH NO.: 29149/M32 797

DESCRIPTION	NCR (Check Y/N)	COMMENTS
-------------	-----------------	----------

SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	
CORROSION	<input checked="" type="checkbox"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	SIZE OF TEST SAMPLE	HARDNESS / DUROMETER READING	HRC	HRB

Testers located in the Quality Office

QC 18 INSPECTION	INSPECTED BY: <u>DAS</u>	DATE: <u>15/07/22</u>
ENGINEERING SIGNOFF (if required)	SIGNED OFF BY: _____	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO.: 09144/M132797

MATERIAL: H3045186-A
DATE: 15/07/22

MATERIAL CERT REC'D: 6454
QUANTITY RECEIVED: 6454
QUANTITY INSPECTED: 6454
QUANTITY REJECTED: 0
THICKNESS ORDERED: 0.50"x4"x8'
THICKNESS RECEIVED: 0.50"x4"x8'
SHEET SIZE ORDERED: 0.45"x4"x8'
SHEET SIZE RECEIVED: 0.45"x4"x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	
CORRECT FINISH	Y	
CORROSION	Y	
CORRECT GRAIN DIRECTION	Y	
CORRECT MATERIAL	Y	
CORRECT THICKNESS	Y	
PHOTO REQUIRED	Y	
CORRECT MATERIAL	Y	
CORRECT REF # TO LINK CERT	Y	
CORRECT MATERIAL IDENTIFICATION	Y	
CORRECT M# ON THE MATERIAL	Y	
DOES THIS MATERIAL REQUIRE	Y	
ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN	Y	
EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.	RECORD RESULTS BELOW	TYPE OF MATERIAL	SIZE OF TEST SAMPLE	HARDNESS / DUREMETER READING
		HRC		
		HRB		
		DUR A		
		DUR D		

Testers located in the Quality Office

CC 18 INSPECTION	INSPECTED BY: DAS 14 09	DATE: 15/07/22
ENGINEERING SIGNOFF (if required)	SIGNED OFF BY:	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO.: 291491/132797

MATERIAL: M304S16A
DATE: 15/07/22

THICKNESS ORDERED: _____
THICKNESS RECEIVED: _____
SHEET SIZE ORDERED: 603X4'X8'
SHEET SIZE RECEIVED: 606X4'X8'

MATERIAL CERT REC'D: 100%
QUANTITY RECEIVED: 604sf
QUANTITY INSPECTED: 604sf
QUANTITY REJECTED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: DAS	SIGNED OFF BY: _____	DATE: 15/07/22	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in